Bucket Versioning --------------------🡪

1. Login to AWS Console Management
2. Create Bucket

A screenshot of a computer

Description automatically generated

1. Now Bucket is Created

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1. Enable Static web hosting

Select Bucket -------🡪 Properties-----🡪 Static web hosting -----🡪 Enable -------🡪 Specify Hosting type -----🡪 set Index document && error document ----🡪 save changes

A screenshot of a web hosting

Description automatically generated

1. Add Policy to Bucket to allow anonymous access its objects
2. Select Bucket ----🡪 Permissions--------🡪 Bucket Policy -----🡪 Edit --🡪 Enter your policy ------🡪 Save changes

A screenshot of a bucket policy

Description automatically generated

1. Upload objects to Bucket
2. Select Bucket ----🡪 Objects -----🡪 upload
3. This access static website on its url

A cat sitting on a window sill

Description automatically generated

1. Because Versioning is enabled each object has its ID --🡪 Show version

A screenshot of a computer

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A screenshot of a computer

Description automatically generated

1. Upload same object with different content

New Version is added and recent uploaded object is added on top of old version

A screenshot of a computer

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A cat under a table

Description automatically generated

Now try to delete object ?

A screenshot of a computer

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Then delete ---🡪

If you toggle show versions ---🡪 you will not find any object after delete---🡪so show version

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What happened ? When you delete object when you’re enableing versioning new version of object is added called delete marker and its make object and its versions are hidden.

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Now you see that website not serving image because delete marker is the recent version

A screenshot of a computer

Description automatically generated

How to Restore object and its version ?

Delete delete marker

1. Select Delete Marker -----🡪 Delete

A screenshot of a computer

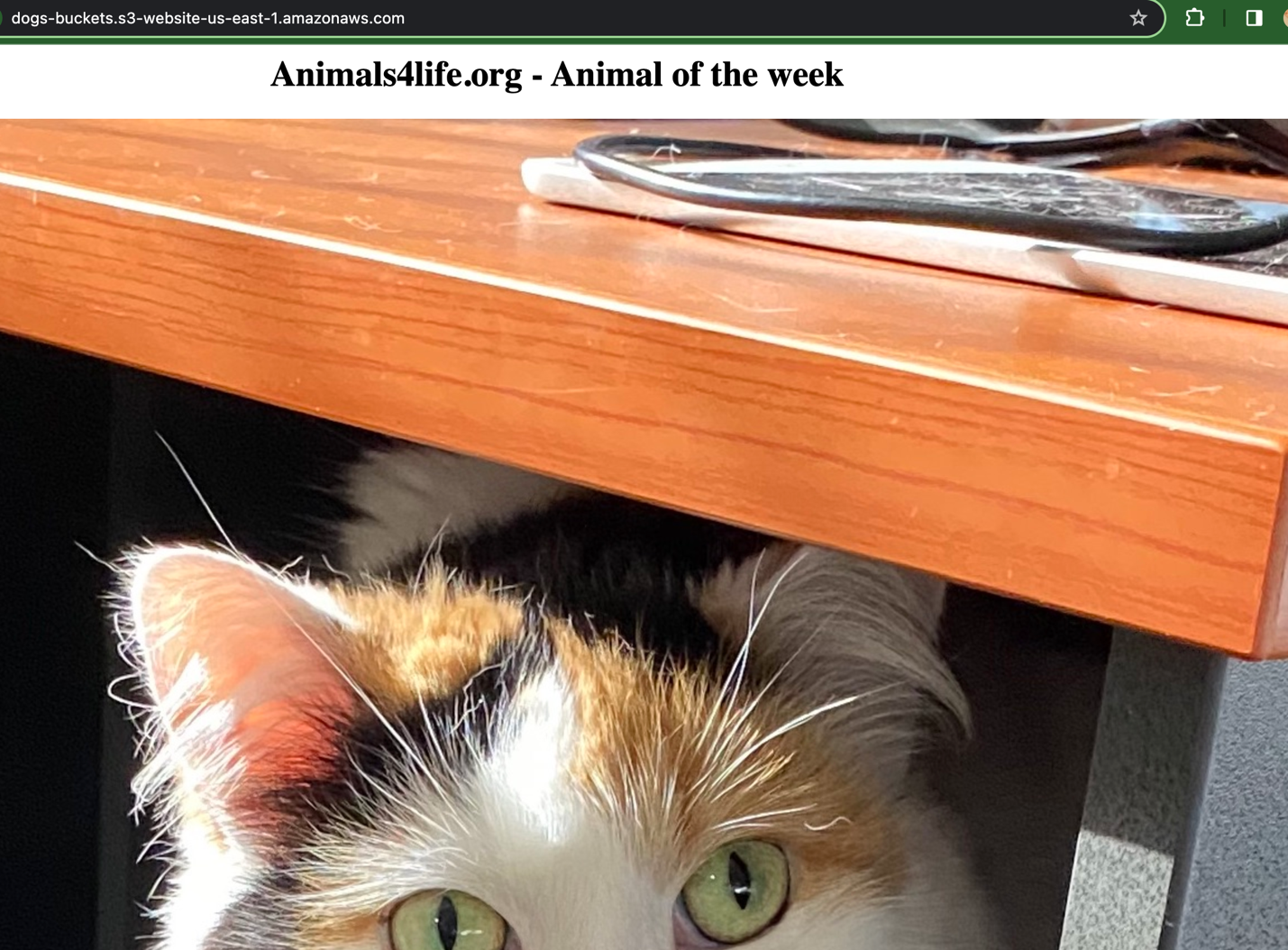
Description automatically generated

Then delete.

You will find object and its content are deleted. And index.html served image

A screenshot of a computer

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Delete version of object will be deleted permanently

1. Select version ---🡪 delete

A screenshot of a computer

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A screenshot of a web page

Description automatically generated

Now the version is permenantly deleted and last version of image is served.

A white cat with green eyes

Description automatically generated